

**M S Ramaiah College of Arts, Science
and Commerce - Autonomous**
MSRIT Post, Mathikere, Bengaluru - 560054

Department of Biotechnology & Genetics
in association with

Karnataka Science & Technology Academy
Dept. of Science & Technology, GoK
organizes

TWO-DAY SPECIAL LECTURE SERIES - 2026

ON

**“SCIENCE AND TECHNOLOGY
FOR SUSTAINABLE FUTURE”**

(AN IQAC INITIATIVE)



Date: 4 - 5 February 2026

Venue: KSTA auditorium

Co-ordinators

Dr. Sowbhagya R, Dr. Muktha H, Dr. Pramod P Desai
Asst. Professors, MSRCASC - A

Shri V. K. Srinivasu, Shri Umesh V. Ghatage,
Scientific Officers, KSTA

Conveners

Dr. Anand R, CEO, KSTA
Dr. Lakshmi Kanth R N
Dr. Prasanna Kumar S G



About the Department

The Department of Biotechnology and Genetics at MS Ramaiah College of Arts, Science, and Commerce, established in 1999, has been a hub of academic excellence and research innovation for over two decades. The department focuses on hands-on training and research guidance, encouraging students to engage in projects equipping them with essential practical and research skills, writing and publishing research articles.

About KSTA

Karnataka Science and Technology Academy is an organization under Department of Science and Technology, Govt. of Karnataka, which was established under the chairmanship of distinguished space scientist Padma Vibhushan Late Prof. U R Rao [2005-2017] Former Chairman, ISRO/secretary, DOS, Govt. of India. Padma Shree awardee Dr. S K Shivakumar, Former Director, Prof. U R Rao Satellite Center, Bengaluru led the academy from 2017 to 2019, followed by Padma Shree awardee Prof. S Ayyappan, Former Director General, ICAR, Govt. of India who served from 2021 to 2023. Presently chaired by Prof. Rajasab A H, Former Vice Chancellor, Tumkur University, Tumakuru.



Click here to register:

<https://forms.gle/7PTDuUzb5sbwWnZ78>

Organizers

Dr. Rajasab A H, Chairman, KSTA
Dr. Anand R, CEO, KSTA
Dr. Pushpa H, Principal
Dr. Jayashree D R, HoD, Biotechnology
Dr. Lakshmikanth R N, Associate Professor
Dr. Prasanna Kumar S G, Associate Professor
Dr. Sowbhagya R, Assistant Professor
Dr. Muktha H, Assistant Professor
Dr. Pramod P Desai, Assistant Professor



About the Lecture Series

The Department of Biotechnology & Genetics, MSRCASC-A, in association with KSTA, proudly presents a Two-Day Lecture Series (4-5 February, 2026) on the theme “Recent Trends in Science and Technology for a Sustainable Future.” This lecture series brings together distinguished scientists, academicians, and industry experts from premier national institutions to share insights on cutting-edge topics such as artificial intelligence in healthcare, emerging infectious diseases, bioprinting and regenerative medicine, renewable and green energy, genome editing for sustainable agriculture, and circular economy. Designed to inspire young minds, the series aims to bridge fundamental science with real-world applications, promote interdisciplinary learning, and encourage innovation toward a sustainable future.

Objectives of the Program

- To expose students of science, engineering, agriculture, and applied sciences to recent trends and contemporary research.
- To promote higher education and research across interdisciplinary scientific domains.
- To create awareness about cutting-edge research conducted in reputed scientific institutions.
- To highlight advanced research in the field of biotechnology.

For details contact:

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Mr. Umesh Ghatage, Ph: 9743084194

Student Coordinators

Mr. Suraj J, Ph: 9741516647

Mr. David Jonnes, Ph: 9880962734



**"Science is a driving force for a sustainable
future through innovation and
understanding."**

THE LUMINARIES



PROF. R SOWDHAMINI



DR. CHANDRASHEKHAR M BIRADAR



PROF. FAKHRUDDIN



DR. K SUSHA SUBASH



DR. MEENAKSHI KAMRAJ



PROF. S DASAPPA

Note - A quiz based on the special lectures will be conducted on the second day, and winners will be awarded attractive cash prizes.

LECTURES

| SL.NO. | Date/Time | TITLE | SPEAKERS |
|--------|--------------------------------------|--|---|
| 1 | 4-02-2026 10:05 to 11:00 am | Computational Approaches to Protein Science | Prof. R. Sowdhamini Professor (Biochemistry, Bioinformatics) National Centre for Biological Sciences (NCBS) Tata Institute of Fundamental Research Bellary Road, Bengaluru – 560065. |
| 2 | 4-02-2026 12:20 to 1:30 pm | Augmented Science, Technology and Academia for Restoring Regenerative Future | Dr. Chandrashekhar M Biradar Earth System Scientist & Lead - Global Growth Founder & CMD, Global Green Growth CoP Biodiversity Action Lead, Wyld Planet PTE, Singapore. |
| 3 | 4-02-2026 2:30 to 3:30 pm | Genome Editing and Sustainable Agriculture: Role of CRISPR in Food Security. | Prof. Fakrudin B Director of Research University of Horticultural Sciences Bagalkot. |
| 4 | 5-02-2026 10:00 to 11:00 am | Emerging Infectious Diseases: Viral Threats and Preparedness for the Future. | Dr. K Susha Subash Scientist C National Institute of Virology (ICMR - NIV) Bengaluru Unit Bengaluru. |
| 5 | 5-02-2026 11:15 am to 12:15 pm | Advanced Biomaterial Technologies for Tissue Regeneration using 3D Bioprinting | Dr. Meenakshi Kamaraj DST INSPIRE Faculty Dept. of Bioengineering Indian Institute of Science (IISc), Bengaluru – 560012. |
| 6 | 5-02-2026 2.30 to 3.30 pm | Renewable and Green Energy Technologies for a Sustainable Future. | Prof. S. Dasappa Advisor – Interdisciplinary Centre for Energy Research (ICER), Professor – Centre for sustainable Technologies, Indian Institute of Science (IISc) Bengaluru – 560012. |